Notes on a Meeting about the Future of the SSD

Held: August 1, 2007
Attendees: Tim Hallman, Stéphane Bouvier, Michael LeVine, Howard Matis, and Jim Thomas
Summary written: August 17, 2007

We created a projected schedule for STAR. This guide is for planning purposes.

Run		Ion	SSD state	Pixel Prototype	DAQ 1000
8	Nov. 2007	D + Au p+p	Out	Out	No
9	Nov. 2008	Au + Au p+p Low Mass Run	If in, need Scenario I	Out	No
10	Nov. 2009	Low Energy Au + Au p+p	If in, need Scenario II	In	Yes

The following resources will be needed from STAR for the SSD depending on which year the SSD is reinstalled in STAR:

Scenario I (SSD installed in Run 9)
1. STAR should decide whether SSD will help or hinder low mass run
2. New cooling system
3. Incorporate cooling in Slow Controls
4. Fix L2 Abort system

Scenario II (SSD installed in Run 10)
1. New cooling system
2. DAQ compatible with DA1000
3. Decide the future of Slow Control
4. Incorporate DAQ and cooling in Slow Controls

To accomplish these goals, we need to create an information proposal that would be due in mid-October. The proposal should be 10 to 15 pages and should emphasize the technical steps and resources need to get the SSD reinstalled. The proposal should contain:
1. Impact on existing STAR setup
2. Benefits
3. Resources needed
4. Technical implications
5. Impact on new detectors
6. Impact on DAQ
7. New issues

Jim and Howard agreed to lead the writing of this document.

We also discussed that we needed a MOU between STAR and Nantes. Michael and Stéphane agreed to draft that document.